



KOYO BEARING LIMITED



NJ 407 Bearing 2D drawings and 3D CAD models

35 mm x 100 mm x 25 mm SKF NJ 407 Cylindrical Roller Bearings

Bearing No. NJ 407

Category	Cylindrical Roller Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	1.047
EAN	7316577064042
Product Group	B04144
Bore Profile	Straight
Cage Material	Polymer
Precision Class	RBEC 1 ISO P0
Number of Rows of Rollers	Single Row
Separable	Inner Ring - One Side
Rolling Element	Cylindrical Roller Bearing
Profile	Complete with Outer and Inner Ring
Snap Ring	No
Internal Clearance	C0-Medium
Retainer	Yes
Relubricatable	Yes
Inch - Metric	Metric
Other Features	1 Rib Inner Ring 2 Rib Outer Ring Cage On Outer Ring ID
Long Description	35MM Bore; Straight Bore Profile; 100MM Outside Diameter; 25MM Width; Polymer Cage Material; RBEC 1 ISO P0; Single



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	Row; Inner Ring - One Side Separable; No Snap Ring; Relubricatable; C0-Medium Inte
Category	Cylindrical Roller Bearing
UNSPSC	31171547
Harmonized Tariff Code	8482.50.00.00
Noun	Bearing
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	NJ 407
Weight / LBS	2.306
B	0.984 Inch 25 Millimeter
D	3.937 Inch 100 Millimeter
d	1.378 Inch 35 Millimeter
d	35 mm
D	100 mm
B	25 mm
d ₁	59 mm
D ₁	77.15 mm
F	53 mm
r _{1,2} min.	1.5 mm
r _{3,4} min.	1.5 mm
s max.	1.7 mm
d _a min.	48 mm
d _a max.	51 mm
d _b min.	61 mm
D _a max.	90 mm
r _a max.	1.5 mm
Basic dynamic load rating C	76.5 kN
Basic static load rating C ₀	69.5 kN
Fatigue load limit P _u	9 kN
Reference speed	8000 r/min
Limiting speed	9500 r/min



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Calculation factor k_r	0.15
Limiting value e	0.2
Axial load factor Y	0.6
Mass bearing	1.02 kg